



SEQUENCE LISTING

Q2 <110> Marchionni, Mark

<120> NRG-2 NUCLEIC ACID MOLECULES,
POLYPEPTIDES, AND DIAGNOSTIC AND THERAPEUTIC METHODS

<130> 04585 049002

<140> US 09/864,675

<141> 2001-05-23

<150> US 60/206,495

<151> 2000-05-23

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<210> 1

<211> 994

<212> DNA

<213> Homo sapiens

<400> 1

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<212> PRT

<213> Homo sapiens

<400> 2

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Tyr Lys Ala Pro Val Val Val Glu Gly Lys Val Gln Gly Leu Val Pro
35           40           45
Ala Gly Gly Ser Ser Ser Asn Ser Thr Arg Glu Pro Pro Ala Ser Gly
50           55           60
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Arg Val Ala Leu Val Lys Val Leu Asp Lys Trp Pro Leu Arg Ser Gly
 65 70 75 80
 Gly Leu Gln Arg Glu Gln Val Ile Ser Val Gly Ser Cys Val Pro Leu
 85 90 95
 Glu Arg Asn Gln Arg Tyr Ile Phe Phe Leu Glu Pro Thr Glu Gln Pro
 100 105 110
 Leu Val Phe Lys Thr Ala Phe Ala Pro Leu Asp Thr Asn Gly Lys Asn
 115 120 125
 Leu Lys Lys Glu Val Gly Lys Ile Leu Cys Thr Asp Cys Ala Thr Arg
 130 135 140
 Pro Lys Leu Lys Lys Met Lys Ser Gln Thr Gly Gln Val Gly Glu Lys
 145 150 155 160
 Gln Ser Leu Lys Cys Glu Ala Ala Ala Gly Asn Pro Gln Pro Ser Tyr
 165 170 175
 Arg Trp Phe Lys Asp Gly Lys Glu Leu Asn Arg Ser Arg Asp Ile Arg
 180 185 190
 Ile Lys Tyr Gly Asn Gly Arg Lys Asn Ser Arg Leu Gln Phe Asn Lys
 195 200 205
 Val Lys Val Glu Asp Ala Gly Glu Tyr Val Cys Glu Ala Glu Asn Ile
 210 215 220
 Leu Gly Lys Asp Thr Val Arg Gly Arg Leu Tyr Val Asn Ser Val Ser
 225 230 235 240
 Thr Thr Leu Ser Ser Trp Ser Gly His Ala Arg Lys Cys Asn Glu Thr
 245 250 255
 Ala Lys Ser Tyr Cys Val Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly
 260 265 270
 Ile Asn Gln Leu Ser Cys Lys Cys Pro Asn Gly Phe Phe Gly Gln Arg
 275 280 285
 Cys Leu Glu Lys Leu Pro Leu Arg Leu Tyr Met Pro Asp Pro Lys Gln
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 Ser Thr Ser Pro Ser Thr Leu Asp Leu Asn
 325 330

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 <213> Homo sapiens

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 ggcaaggtag aggggctggc ccagccggc ggtccagct ccaacagcac ccgagagccg 180
 cccgctcgg gtcgggtggc gttggtaaag gtgctggaca agtgccgct ccggagccgg 240
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 cccctcgata ccaacggcaa aaatctcaag aaagaggtgg gcaagatcct gtgcactgac 420
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 gatggcaagg agctcaaccg cagccgagac attcgcata aatatggcaa cggcagaaag 600
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<213> Homo sapiens

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35 40 45
Ala Gly Gly Ser Ser Ser Asn Ser Thr Arg Glu Pro Pro Ala Ser Gly
50 55 60
Arg Val Ala Leu Val Lys Val Leu Asp Lys Trp Pro Leu Arg Ser Gly
65 70 75 80
Gly Leu Gln Arg Glu Gln Val Ile Ser Val Gly Ser Cys Val Pro Leu
85 90 95
Glu Arg Asn Gln Arg Tyr Ile Phe Phe Leu Glu Pro Thr Glu Gln Pro
100 105 110
Leu Val Phe Lys Thr Ala Phe Ala Pro Leu Asp Thr Asn Gly Lys Asn
115 120 125
Leu Lys Lys Glu Val Gly Lys Ile Leu Cys Thr Asp Cys Ala Thr Arg
130 135 140
Pro Lys Leu Lys Lys Met Lys Ser Gln Thr Gly Gln Val Gly Glu Lys
145 150 155 160
Gln Ser Leu Lys Cys Glu Ala Ala Ala Gly Asn Pro Gln Pro Ser Tyr
165 170 175
Arg Trp Phe Lys Asp Gly Lys Glu Leu Asn Arg Ser Arg Asp Ile Arg
180 185 190
Ile Lys Tyr Gly Asn Gly Arg Lys Asn Ser Arg Leu Gln Phe Asn Lys
195 200 205
Val Lys Val Glu Asp Ala Gly Glu Tyr Val Cys Glu Ala Glu Asn Ile
210 215 220
Leu Gly Lys Asp Thr Val Arg Gly Arg Leu Tyr Val Asn Ser Val Ser
225 230 235 240
Thr Thr Leu Ser Ser Trp Ser Gly His Ala Arg Lys Cys Asn Glu Thr
245 250 255
Ala Lys Ser Tyr Cys Val Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly
260 265 270
Ile Asn Gln Leu Ser Cys Lys Cys Pro Val Gly Tyr Thr Gly Asp Arg
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Cys Gln Gln Phe Ala Met Val Asn Phe Ser
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<210> 6
<211> 20
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<400> 5

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<213> Artificial Sequence

<220>
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<400> 17
Asn Ser Arg Leu Gln Phe Asn Lys Val Lys Val Glu Asp Ala Gly Glu
1 5 10 15
Tyr

<210> 18
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> derived from Rattus norvegicus and Homo sapiens

<400> 18
Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly Ile Asn Gln Leu Ser
1 5 10 15